

**9. A method of making a liquid crystal**

display apparatus that displays an image on a liquid crystal panel including liquid crystal cells, comprising a step of determining a  $\gamma$  value serving as an index for a gradation-luminosity characteristic according to a thickness of the liquid crystal cells or a birefringence index of a liquid crystal layer included in the liquid crystal cells.

**10. A liquid crystal display apparatus**  
that displays an image on a liquid crystal panel including liquid crystal cells, wherein a  $\gamma$  value which serves as an index of gradation-luminosity characteristic in said liquid crystal panel is set to above 1.9 and within a  $\pm 30\%$  range of 0.008 times  $\Delta n$  where  $\Delta n$  represents an anisotropy of a refractive index and  $d$  represents a thickness of said liquid crystal cells.

**11. The liquid crystal display apparatus**  
as claimed in claim 10, wherein said  $\gamma$  value is set between 2.15 and 3 while the product  $\Delta n d$  is within limits of  $350\text{nm} \pm 50\text{nm}$ .

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12. The liquid crystal display apparatus as claimed in claim 10, wherein said  $\gamma$  value is set between 2.0 and 2.3 while the product  $\Delta n$  is within limits of 280nm±50nm.